

# Inside: Comic page debuts! Page 11

Continuous  
News Service  
Since 1881

Volume 99, Number 36

# The Tech

MIT  
Cambridge  
Massachusetts

Tuesday, October 2, 1979



Some participants in Class Day activities found themselves on top of the world while playing New Games. Following these games came the inter-class competitions, in which the Class of 1980 took first place, followed by the sophomores, juniors and freshmen. (Photo by Kevin Osborn)

## Eng. school rises, others fall

By Eric Johns

The answer to the question, "What do people study at MIT?" is constantly changing. The last decade has witnessed a dramatic change in emphasis, as reflected in what majors are selected by students, away from the humanities and science and

1974 to 1979, the number of students that have majored in ME has increased by over 85%. Similarly, ChE has risen by close to 120%. The increase of 32 percent in Electrical Engineering has also had a significant effect.

At the same time these shifts, the number of people specializing

computers has created a demand for electrical engineers, while chemical and mechanical engineers are clearly needed by industries all over the world. On the other hand, it is becoming increasingly difficult to find work with a degree in the humanities. A science graduate has very few alternatives available other than research opportunities, and the openings for a pure mathematician are even scarcer. Furthermore, these external conditions seem likely to persist well into the next decade.

There are many drawbacks to this situation. MIT already has the reputation for being a "Tech" school, and this drift from the humanities will reinforce the stereotype. Inevitably, the quality of MIT's humanities program will suffer.

### Change in majors, 1969-1979

#### Difference

School:	1969	1979	(percent)
Architecture	378	456	+21
Engineering	3097	4235	+40
Humanities	684	428	-37
Management	532	455	-14
Science	2097	1825	-13
Totals:	6788	7399	

### Year-by-Year changes in majors (percent)

School:	1977	1978	1979 (est.)
Architecture	-3	+5	-3
Engineering	+7	+5	+6
Humanities	-6	+3	+5
Management	-5	+5	+4
Science	-3	-3	-6

towards engineering. A comparison between the year 1969 and the projected year 1980 shows that the School of Architecture and Planning, and the School of Engineering have increased significantly. On the other hand, the School of Humanities and Social Science, the Sloan School of Management, and the School of Science have all seen a slump in their membership.

It is the phenomenal growth of Mechanical Engineering (ME) and Chemical Engineering (ChE) that has produced this situation. Over the five year period from

in the Humanities has halved. Economics also has shrunk by nine percent. The decline in interest in the Sciences is demonstrated by the decrease in the number of Biology majors of nearly 27 percent. Even mathematics, a department under the School of Science, is only at sixty percent of its 1974 strength.

The question now becomes, "What is responsible for this continuing trend?" The most reasonable explanation is simply that there is an increasing number of engineering jobs available at very good wages. The boom in

The constitution is very low on my list of priorities. . . . Our overall goal is to substantially improve the quality of life for the average MIT undergraduate," said Hakala.

"Far more important are social events, academic policy, financial policy, and other issues such as the Campus Committee on Dining Report," he continued.

Hakala and UAVP Chuck Markham '81, are attempting to address these issues in a number

## MIT Corp. to reply to ACSR challenge

By Leigh J. Passman

The MIT Corporation Executive Committee response to recommendations that MIT take action to persuade companies to withdraw from South Africa, is expected to be announced Thursday, October 4.

The recommendations, made by the Advisory Committee on Shareholder Responsibility (ACSR) represents a break with past policy on the South African issues, and the first direct challenge to the Corporation Executive Committee's longstanding conservative policy.

Heretofore, the ACSR had recommended to the Corporation that it not divest stock held by MIT in companies conducting business in South Africa but rather support particular stockholder proxies which encouraged companies to adopt the Sullivan Principles.

In May the ACSR conducted a public hearing in which the South African situation and MIT's potential role were discussed. Chris DeMarco '80, one of the nine members of the ACSR, said "statements made at the May 10 meeting had a major impact in turning around the

(Please turn to page 2)



Walter Milne (Photo by Dave Green.)

## New UA constitution has low priority

By Erik Sherman

The UA does not intend to center its attention on the new UA constitution proposal, according to Jonathan Hakala '81, Undergraduate Association President.

of ways. The UA will be sponsoring a series of parties and special events, including an "Autumn Weekend" in the middle of October.

The UA is also petitioning the Committee on Educational Policy (CEP) on a number of points which include an unlimited number of optional upperclass electives; the ability to delete grades and their corresponding credits from external transcripts; an English requirement; and instituting the Experimental Study Group as a permanent academic program.

Further work on academic policy would include reviving the course guide through the cooperation of SCEP (a standing

committee of the UA) and TCA.

Both Hakala and Markham agree that restructuring student government would be more effectively achieved through a revitalized General Assembly (GA). The office of the UA has asked that dormitory and fraternity leadership ensure that GA representatives are elected.

"As soon as that happens, I'm going to call a General Assembly meeting," said Hakala. He intends that the GA will assume the leading role in student government.

"The new General Assembly will be very open, very participatory, and will have every bit as much power as I do, and may exercise it as it sees fit," said Hakala.

## inside

The women's tennis team is only 1-3 this season, but coach Manny Weiss believes that Karen Haug '82 could go undefeated. Page 12.  
\* \* \* \*

A loss to Trinity on Saturday dropped the soccer team's record to 1-3 this year. Page 12.



An MIT player brings the ball upfield in Saturday's 2-1 loss to Trinity. (Photo by John Ogawa Borland.)

# news roundup

## Local

**Pope celebrates Boston mass** — John Paul II celebrated mass yesterday on Boston Common before a crowd which the Boston Police estimated to be 600,000 strong. Earlier, an estimated one million people had lined the Pope's motorcade route through Boston.

At the mass, the Pope was greeted by cheers of "Long live the Pope." In his sermon, he told the young people of America to follow Christ and serve other people and not to try to escape from the world.

Rain fell steadily during the mass, and at one point, the Pope quipped, "I greet you, America, the beautiful... beautiful even when it rains."

Today, the Pope heads for New York where he will speak before the United Nations.

— Tom Curtis

## Weather

Cloudy this morning with some lingering showers, with a partial clearing beginning this afternoon. Highs 65-70. Partly cloudy tonight, lows near 50-54. Some sun and southwest winds for Wednesday. Highs near 70. Chance of rain 60% this morning, 30% tonight and Wednesday.

## Police Blotter

### Armed Robbery

On September 21, at 6:00pm a student called Campus Police to report he had seen a male subject with a knife threaten a second subject in the Ashdown Parking Lot.

Investigation by Officers revealed that the subject with the knife attempted to make a drug sale to the second subject. An altercation ensued and the subject with the knife fled toward Memorial Drive after being hit with the second subject's briefcase. The "drug" turned out to be tobacco.

### Larcenies

On September 25 a student reported to the Campus Police that his briefcase containing ID's, personal papers and \$15 in cash

had been stolen while he ate his dinner in MacGregor Dining Hall. The complainant had left his briefcase by his chair when he left his table for a short period.

On September 26 a student had his wallet with \$5 in cash taken while he was showering in the men's DuPont Locker Room. The student had left his clothing on a locker room bench while taking shower.

### Chemical Explosion

On September 28, a student was treated at the MIT Medical Department for second degree burns to his chest, hands and face caused by an explosion which occurred as a result of mixing chemicals in his Fenway fraternity.



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## ACSR favors action on S.Africa

(Continued from page 1)

policy of the committee as a whole." [Transcripts of the May 10 hearing will soon be available from the committee secretary Walter L. Milne, x3-5278.]

At its last meeting in the spring the committee members voted on policy recommendations to the Corporation Executive Committee. Five members of the committee (a majority) favored a recommendation to the Corporation that MIT take action to persuade US companies to withdraw from their activities in South Africa. Such action according to DeMarco might include collective pressure from a group of universities or MIT-initiated proxy measures. The five members also expressed an interest in MIT applying pressure on companies for closer adherence to the Sullivan Principles.

The ACSR recommendations are both novel and significant. Rather than suggesting divestment, a stance which the MIT Corporation would undoubtedly oppose, the ACSR has turned to stockholder influence and proxy power. The recommendations can be construed as supporting the notion that MIT could organize or initiate such action. "The

ACSR has come up with a viable proposal that has a chance to affect conditions in South Africa through the withdrawal of US companies, and the Corporation Executive Committee now has the responsibility to approve this proposal or show a better approach," DeMarco said.

The ACSR recommendations were conveyed to the MIT Corporation Executive Committee by D. R. Weedon, who serves as both chairman of the ACSR and as a member of the Corporation Executive Committee. Although responsible for orally communicating the recommendation to the Corporation, DeMarco noted that Weedon was not one of the five supporting the measure.

Corporation response to the

recommendation will be presented to the ACSR by Weedon at an open meeting of the committee, Thursday, October 4, 1pm in the Emma Rogers Room (10-340).

The nine members of the ACSR present at the last meeting were: Weedon, the Chairman, a vice president at Arthur D. Little and a member of the Corporation, DeMarco, the undergraduate member, Dan Saltzman, the graduate representative; William Dickson, Director, Physical Plant; Allan Henry, Professor of Nuclear Engineering; Robert Solow, Professor of Economics; Glen Strehle, Treasurer; C. Vincent Vappi, an alumnus; and Walter L. Milne, the committee secretary and Assistant to the Chancellor.

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Feature**MIT stands for Musician In Training**

By Kimberley Elcess

"How many music majors do you know who have had a year of physics and a year of calculus and three science distribution courses and a laboratory course and a chemistry course?"

That rather rhetorical question was asked by Elizabeth (Lib) King '80, the only music major who, to my knowledge, fits the above description.

Lib is MIT's only music major this year. Last year there were five or six:

"It's more unusual that there is only one [music major] than that there are any," she explains.

Why on earth would a music major come to MIT? Well...

Lib didn't come here to major in music. Her freshman year she spent "just being a freshman." She was very impressed by Bob Rose, her 3.091 professor, so she took a Materials Science UROP the following summer.

"I hated every minute of it," Lib says.

After that experience she decided that, instead of "guessing" at crystalline structures, she would rather do something she could see, like design bridges, or roads; so, at the beginning of her sophomore year, Lib became a Civil Engineering major.

That lasted half a semester. There was too much math, she says, and she didn't enjoy it.

"For me it was more a question of motivation than of ability." Since she didn't like the math, she knew that she wouldn't spend enough time with it to do well, so she changed majors.

In the middle of her first term as a sophomore, Lib became a Literature major. Literature was more what she had in mind, but it still wasn't exactly what she wanted.

At that point, Lib decided to take some time off to look at what she really wanted instead of continuing to change majors. She worked as a purchasing clerk for Polaroid last summer and fall.

"Being a clerk was the best inspiration for being in school. I'd

ever had," she states. Knowing that she could pay the rent and put food on the table without her \$35,000 degree gave her the confidence to come back and major in something she really loved — music.

How did she get interested in music at a highly technical institute?

Lib had always liked music and composition, but she thought of it as a talent one was born with.

"It never occurred to me that you could be taught (to compose)."

Then she took a course called "Elements of Music." One of the assignments given by Rosemary Harbison, the professor, opened Lib's eyes. The students were given a chord progression and were told to set a bass line for it. After doing the assignment, Lib realized that she could learn to compose, after all. That was the beginning of her music major.

Of her final switch she says, "No one at home [in Brunswick, Maine] was surprised." Her mother, originally a sociology major, after raising a family, went back several years ago to major in music.

"My mother was a great inspiration to me," says Lib, smiling at the corny sound of the statement.

All right, so she came as a legitimate science major. But why did Lib stay after deciding to major in music?

Lib did think about transferring. "If I had done it, I'd have transferred at the beginning of my junior year," she says.

So why didn't she?

"I like MIT," she states. "I like the people here."

There were other factors in her decision, like the greater opportunities to become well-rounded here than at a conservatory. Lib believes it is important to have some understanding of science.

"It's very difficult to be ignorant (of science) here."

It is not so difficult, however, to be ignorant of the Humanities

possibilities. If the possibility of majoring in something other than science or engineering had been stressed in her interview, says Lib, she would have been a music major from the start.

(To Lib's knowledge, no one has ever come to MIT with the intention of majoring in Humanities.)

Prof. Travis Merritt of the Humanities Department would also like to see the possibility of majoring in Humanities made more widely known. Although the admissions office has been cooperative in this area, Merritt feels that it would help if more of the Educational Counsellors were made aware of it.

What exactly are the requirements for a degree in music?

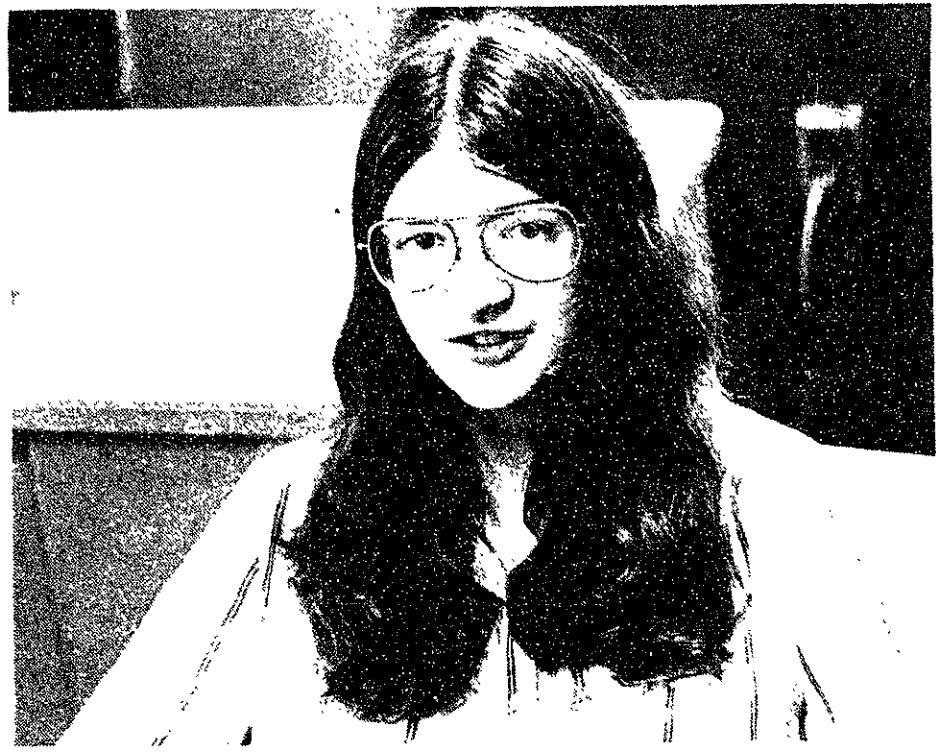
First of all, MIT doesn't give degrees in music. One receives a "Bachelor of Science in Humanities and Science" degree.

"To my knowledge," says Lib, "my degree will not read 'Music'"

While most colleges require you to major in a particular instrument, MIT does not. The requirements are: four history courses; a series of four writing and analysis (music theory) courses; two music electives; four courses in another branch of humanities (this is one's minor or concentration); two terms in some performing ensemble; plus all the Institute requirements, including three Humanities Distribution courses.

Because of her term off and her late start in the music program, Lib won't finish these requirements until February of '81. She plans to stay on through June '81, though, "mainly for the love of learning."

What she does after that is still undecided. At any rate, there must be a lot of openings for a music major with a literature minor who has taken a year of MIT physics, and a year of calculus, and a chemistry course, and a lab course, and...



"It can be done." Lib King, MIT's only music major this year, says that's the most important thing to know about majoring in Humanities.

## MIT HOCKEY

Both graduates and undergraduates are needed to play the best brand of hockey at MIT. With construction of the new rink underway, the Intramural Hockey Program will be drastically reduced this year, so if you're thinking of hockey at all think of playing with us. It's one of the

best ways to spend IAP. The team is open to any MIT student.

Practices begin October 17.

For More information contact

Lou Odette (731-4835) or

Wayne Pecknold (354-0167).

First Meeting Tonight, 5:30pm, 4th floor Student Center

### MIT Hockey 1979-80 Schedule

Nov. 29	Home	Tufts
Dec. 1	Home	Gordon
Dec. 5	Away	Plymouth State
Jan. 11	Away	Clark
Jan. 14	Away	Assumption
Jan. 16	Away	Gordon
Jan. 19	Home	Maine
Jan. 21	Away	Curry
Jan. 23	Away	Suffolk
Jan. 26	Away	Bates
Jan. 29	Home	Tufts
Feb. 9	Home	Stonehill
Feb. 11	Away	Nichols
Feb. 16	Home	Clark
Feb. 19	Home	Fitchburg State
Feb. 27	Away	Stonehill

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### Announcements

The Experimental Study Group still has a few openings for freshmen this term. If you are interested in studying GIR's at your own pace, would like a more flexible schedule, or would like to be part of a small academic community with ready access to staff, consider joining ESG. Stop by 24-612 to visit (we're open 24 hours a day) or call Holly Sweet at x3-7786 for more information before Oct. 12th (the deadline for joining this fall.)

\* \* \* \* \*

Freshman evaluation forms are due on Fri., Oct. 19. Instructor turn-in deadline in Wed., Oct. 24.

\* \* \* \* \*

Oct. 12, 1979 is the last day for Juniors and Seniors to change an elective to or from pass-fail grading.

\* \* \* \* \*

Add Date is October 12, 1979. It is the last to add subjects to registration.

\* \* \* \* \*

Thurs. morning, Oct. 4, at 9am on the Student Center steps marks the beginning of this year's Plant Sale for Students sponsored by the MIT Women's League. Many plant sizes will be available, and advice on care of plants chosen be available from women's league members.

**Lectures**

Dominique Desanti, French historian, biographer, and journalist for *Le Monde* will be the first speaker in the Foreign Language and Literatures Section's series on "The Political Role of the Writer in Twentieth-Century Western Society." Desanti's talk, in French, will be at 8pm on Tues. Oct. 2, in room 37-252.

\* \* \* \* \*

MIT Seniors interested in university teaching who plan to start graduate school next September are eligible for a Danforth Foundation Prebaccalaureate Fellowship Award. A similar award is available to graduate students pursuing their doctorates. The application date is Oct. 19. Interested students should contact Dean Jeanne Richard in the Graduate School Office, 3-136, x3-4869.

\* \* \* \* \*

Students interested in volunteering to work in the Cambridge

# opinion

Tom Curtis

## Campus battered by space crunch

Of all the problems facing MIT, the most extensive one is lack of space. From academic departments to student activities, everyone is complaining that his or her group doesn't have enough room.

### Arts, athletics, academics all need space

Currently, the groups doing the most complaining are the arts groups who have been temporarily displaced by the closing of Kresge. The loss of Kresge means these groups will be forced to either use inadequate facilities elsewhere on campus or go off campus.

However, these groups say their problems didn't begin with Kresge. Inadequate facilities were a problem even when Kresge was available. This is why two years ago a plan was drawn up for arts facilities on the east side of campus. Unfortunately, the plans were never carried out, and the arts space problem has at least temporarily worsened.

Other student groups also feel the pinch of a lack of space. Many student activities have less space than they would like. One solution to this problem might be the reassignment of the space of defunct activities in Walker, but unfortunately, nothing has been done in this area either.

Athletics also have problems. There is almost never any space open on Briggs Field during the afternoon. The problem is so bad it almost prevents the addition of any more outdoor sports teams.

Indoor sports have problems too, although their space problems will be somewhat lessened when the new athletic center is completed. However, until all the proposed facilities — including a badly-needed second swimming pool — are built, indoor sports will continue to be short on space.

Academic departments also feel an acute need for space. Almost every department head on campus is unhappy with space his department has. Lack of laboratory space is an especially noticeable problem. Partly because they don't have enough space, many laboratory courses limit their enrollments. Those which don't limit enrollment often have trouble squeezing students into the space available. Last year, in one lab course, my group had to wait a week before the department could find space for us; the space we finally got was a small table in the corner of a room.

### Next House may hurt, instead of help

Finally, there is the problem of housing. Overcrowding has been with us for years. In 1977, it got so bad Random Hall had to be hurriedly opened so all the freshmen could be given a place to live. However, the housing problem should be alleviated when the Next House dormitory is built.

Ironically, the construction of Next House may actually hurt the space problem. Next House will hold 300 students and some members of the administration are suggesting that the class size be raised by 50 to a total of 1100. Thus, while the dormitory would help the housing problem, it could exacerbate all the other space problems by throwing in 200 more students to compete for the already inadequate space.

The solution to the space problem is obvious: new facilities should be built. However, getting the money to build them is not easy.

With the current sluggish state of the economy, few people have spare money to give to MIT. Thus, it is extremely difficult to fund new facilities. Also, the federal government has caught budget-cutting fever and research funding is being slashed. This hurts the general MIT financial situation and thus indirectly hampers the space problem.

Another handicap in solving the problem is the attitude of many Cambridge residents who have been fighting acquisitions by MIT for years. This inevitably makes it more difficult to build new facilities since MIT necessarily must build outwards — there are no more courtyards left on campus which can be filled by buildings (the Great Court doesn't count).

### Prospect for help not as bleak as it seems

Thus, prospects for solution of the space problem look bleak. Certainly, it isn't a problem which can be solved overnight.

However, there are some measures which can be taken which would help solve the problem more quickly. First, whenever possible, MIT should convert underutilized facilities into other facilities which are more needed. Second, when new facilities must be built, MIT should be practical. They shouldn't build anything which is supposed to be an eighth wonder of the world; conventional structures usually last longer and cost less to maintain. Finally, MIT should refrain from adding new programs which will increase the demand for space. Now is definitely not the time for expansion.

## The Tech

Steven F. Frann '80 — Chairman  
Thomas Curtis '80 — Editor-in-Chief  
Kathryn E. Gropp '80 — Managing Editor  
Pandora Berman '80 — Business Manager  
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David Thompson '78, Lee Lindquist '79.

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Leigh J. Passman

## Educations's own department

Formation of a new Department of Education won Congressional approval last week, giving President Carter a major domestic legislative victory. Although considered by the President as "a significant milestone in my effort to make the Federal Government more efficient," the new department is also seen as an important centralization of educational services and funding, and its new cabinet-level secretary as an important spokesman for educational interests.

The reorganization brings together 152 education-related programs. While most were part of the Office of Education in the Department of Health, Education and Welfare, programs will also be transferred from the Rehabilitation Services Administration, the Office for Civil Rights, the National Science Foundation, and Justice, Labor, Defense, and Housing and Urban Development Departments. The new department will have 17,000 employees and an annual budget over \$14 billion.

The legislative pursuit by the Carter Administration has lasted over two years. When the Senate passed legislation to establish a Department of Education last year, the bill never reached the House floor. The Senate passed a

similar version this spring and during the summer, the House spent several days debating the bill. Opponents tacked on controversial amendments permitting prayer in public schools, banning busing for integration, and restricting the use of racial and sexual quotas in college admissions. Burdened with these unpopular amendments, the measure barely passed the House in July.

The Senate-House Conference Committee dropped the amendments paving the way for approval. Much of the legislative success is attributable to Vice President Mondale and his staff. Education has always been an important policy mainstay for the former Minnesota Senator and Mondale worked vigorously, yet quietly, for its passage.

Educational interests were somewhat divided over the legislation. Opponents of the measure argued that establishing a single-interest department would divert dilute labor, education, health, welfare, and civil rights interests that historically have provided a strong collective influence on social legislation.

However, the National Education Association, with its 1.8 million member teachers and

educators, provided strong backing and it has already rewarded President Carter for keeping his 1976 campaign promise to create the department by pledging support for his reelection in 1980. Other groups, particularly the American Federation of Teachers, opposed the legislation, fearing they would lose influence to the NEA; it would now seem they have, anyway.

Both the *New York Times* and *The Chronicle of Higher Education* reported speculation that Jerry Apodaca, former governor of New Mexico, would be Carter's nominee for the Secretary position. There had been some speculation that Barbara Newell, president of Wellesley College might be offered the position. Until the Carter cabinet shake-up, Ms. Newell, who is now on leave from Wellesley, was to have assumed a position in HEW, and she may yet be offered a position in the new department.

The Department of Education is to become operational within six months. Although much of its early emphasis will be on reorganization, with visible leadership, and powerful interests backing up the department, the prospects for enhanced support for education are a little brighter.

## feedback

### Ensemble could also use new space

To the Editor:

David Shaw's article on the problems of space for MIT's theatre work (*The Tech*, 25 September) is timely, informative, and (perhaps unknowingly) partisan. He uses the term "Drama Program" misleadingly, as if it meant the whole of MIT's drama offering; whereas it denotes only one section of that offering, namely Dramashop and its affiliated courses in the Humanities Department. Although the fickleness of Kresge makes a space relief particularly urgent for Dramashop, it would only help David Shaw's argument for more space to remember that other MIT drama groups may be just as interested in, and (depending on the extent of their student involvement) just as eligible for, improved theatre facilities in long term. Even the Shakespeare Ensemble (an almost wholly student group), which finds the Sala de Puerto Rico the best of existing sites for its open-stage productions, might well prefer a space more easily theatrical. And it would be repressive, as well as bad for relations, to make any new theatre building a closed shop, the privilege of any single user. It's for that reason that space is most fairly scheduled by a neutral overseer.

Both David Shaw and Steven Solnick, in the same issue of *The Tech*, seem to believe in an orderly correlation between artistic excellence and academic credit. But worthwhile achievement in the creative arts is notoriously independent of such enveloping. There's nothing wrong with performing for credit, if it's convenient to; and some students in the Shakespeare Ensemble, for example, choose that option; but the actual quality of their work has nothing obvious to do with its underwriting by the Registrar. Put it another way: is the artistic work of students who do it for credit even generally better than

the work of those who don't? Of the four MIT actors cited in the last paragraph, only one was acting for credit.

Murray Biggs

Director

MIT Shakespeare Ensemble

*Editor's Note from Steven Solnick:*  
*My comments regarding the connections between the Creative Arts program and Academics at MIT were not meant to downplay the importance of theater work not done for credit. I intended simply to underscore my belief that the Creative Arts at MIT could not, and should not, be regarded on the same plane as many less demanding and more superficial student activities. The fact that some students receive credit for their theater work is only partly a justification of this.*

*Editor's note from David Shaw:*

*The purpose of the column was to question the Institute's priorities concerning academics (the Humanities Department in general, and specifically the Dramashop program). Since the Shakespeare Ensemble does not offer any courses in the Humanities Department, I did not choose to mention it; the Ensemble would remain unaffected by any decision made by Planning. As to the supposed correlation between acting and academics, I concur with Steven Solnick's reply.*

# opinion

## feedback

### Students urged to serve as GA representatives

To the Editor:

The MIT undergraduate community should know that their house presidents have recently received a letter and registration form for General Assembly representative elections. If someone is interested in serving on the General Assembly, s/he should speak to her/his house president. Freshmen are especially encouraged to run for GA

posts since this will be an excellent way to find out what is happening and get involved at MIT. The General Assembly will be asked to amend the 1969 constitution to 1979 reality. It would also be fully empowered to administer the various organs of UA government and represent the undergraduate student body to the MIT administration. It is hoped

that the GA will also sponsor and initiate projects that serve the MIT community.

Each house or dorm should hold an election to elect one or more General Assembly representatives as outlined below. If a normal election is for some reason extremely unfeasible, you may pass a motion designating that the duty of GA representation be delegated to the house president, the IFC rep, or some other elected

house official. In any event, we need due process. The house president should not simply appoint someone.

The following is the number of GA reps for each house:  
 Baker House — 7  
 Bexley Hall — 4  
 Burton House — 9  
 East Campus — 10  
 McCormick — 4  
 MacGregor — 8  
 Senior House — 4

New House — 7  
 NSRA — 4  
 Random — 2  
 Quorum is 25.

Each independent living group has one rep. When a rep has been certified his/her name will be posted in the UA News. If you have any questions, please call the UA office at x2696.

Chuck Markham '81  
 Undergraduate Association Vice President

**Editorials**, which are marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor-in-chief, executive editor, managing editor, and news editors.

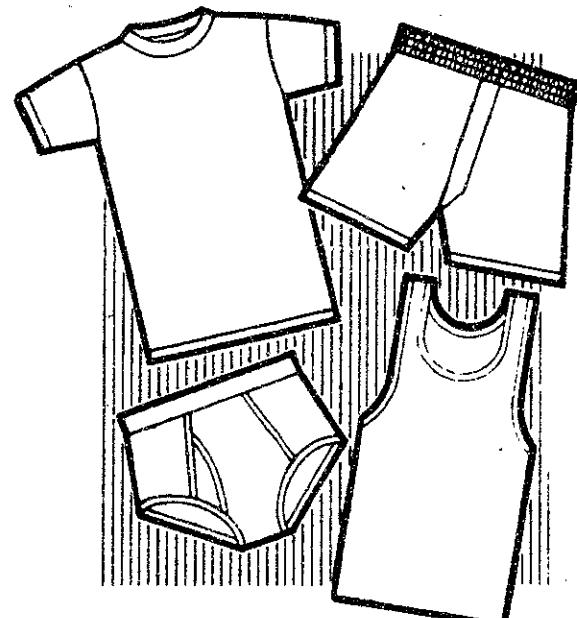
**Columns** are usually written by members of *The Tech* staff and represent the opinion of only the author, not necessarily

ly that of the rest of the staff.  
**Letters to the editor** are written by members of the MIT community and represent the opinion of the writer.

*The Tech* will attempt to publish all letters received, and will consider columns or stories. Letters should be typed, preferable triple-spaced on a 57-character line. Unsigned letters will not be printed. Authors' names will be withheld upon request.

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### Interviewing on Campus October 18-19

If unable to interview at this time, send resume to: Ruth Lodowski/Texas Instruments/P. O. Box 226015, M.S. 222/Dallas, Texas 75266.



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## arts

# Python's Life of Brian is scathing satire

**Monty Python's Life of Brian, starring and written by Graham Chapman, John Cleese, Terry Gilliam, Eric Idle, Terry Jones and Michael Palin; produced by John Goldstone, directed by Terry Jones; a Warner Bros./Orion Pictures release. Now playing at the Sack Paris.**

Three wise men enter a humble stable and are greeted by a snaggle-toothed wench named Mandy. When she finds out that the Magi want to worship her son Brian she tries to kick them out — until she finds out that they bear gifts; then she becomes the model hostess. She willingly accepts the gold and frankincense offered to her but refuses the myrrh, because "a Myrrh is a fierce animal with sharp horns." The wise men leave, but then discover that they have visited the wrong manger; so they take back their gifts and throw Mandy

to the floor.

Thus begins Monty Python's Life of Brian, a send-up biblical epic recounting the life and times of a fellow who is definitely *not* the Messiah ("He's not the Messiah, he's a very naughty boy!"). The film is more than a parody of the One and Only; it is also a slightly jaundiced view of the Judeo/Roman society. Nobody escapes from Python's irreverence, the Jews, Romans, prophets, and political groups are all blasted with equal force. This overt "offensiveness" is not effected just for laughs, this time Python is trying to convey a message: don't take it all too seriously. As Michael Palin explained, "I just can't believe that there wasn't a single laugh between one and thirty-three AD."

As the plot unfolds, an adult Brian, dissatisfied with his life, tries to join the Ju-

dean People's Front, a leftist organization devoted to the destruction of the entire Roman Empire. His first mark in the revolution is painting an anti-Roman slogan on the walls of Pontius Pilate's palace. Brian's luck runs sour as he is discovered by Roman guards, reprimanded for his misuse of Latin grammar and forced to rewrite the slogan one hundred times.

From this point on Brian is constantly pursued by the Romans, the Judean People's Front, and an ever increasing number of people who believe that he is the Messiah. He is confronted twice by his followers, who demand a teaching; the first time he tells them to "fuck off," but his ecstatic disciples ask "How shall we fuck off, O Lord?" The second time he delivers a real message: "You are all individuals, you don't need a Messiah. You just have to work it out for yourselves." Ah yes, the message.

Brian is eventually captured and crucified, his final confrontations with his mother and his disciples are the funniest (and most irreverent) moments of the movie. Everything finally ends with a production number, "The Bright Side of Life," delivered by one of those awful people who only grow more cheerful as the situation becomes grimmer.

The six members of Monty Python really shine as actors in this movie; each member has at least five parts, and two (Eric Idle and Michael Palin) portray twelve different people. They all manage to add a different element to each of the characters, sometimes so convincingly that you don't notice the overlap. John Cleese stands out as the best actor of the troupe, playing diametrically opposite roles: he is the chief Roman centurion, and also Reg, the leader



Brian (Graham Chapman) makes a two point landing on the head of "a very boring prophet" (Michael Palin).

of the revolutionaries. Once again Python proves that you can play a cast of thousands with only six people.

The movie as a whole is more cohesive than *Monty Python and the Holy Grail*, but not as innovative. The time period used in *Brian* imposes certain limitations on the plot, a historical accuracy that must be observed, and at times this accuracy weakens the humor or makes it predictable. However, good laughs are more than abundant and the pace never drags, thanks to Python director Terry Jones. *Life of Brian* is social satire at its best and should not be missed — after all, when was the last time you had your sensibilities ruffled?

— David Shaw



Monty Python (l to r): Michael Palin, John Cleese, Graham Chapman, Eric Idle, Terry Gilliam, and Terry Jones.

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arts

# Ken's Pub provides good food for pennies

**Ken's Pub** 684 Mass Ave., Central Square, Cambridge.

I'm sure you have felt lazy on a late Saturday afternoon. As the time draws toward dinner you feel hungry — but you don't want to cook. Your stomach grumbles at the thought of McDonalds, and gets truly angry upon remembering the now (mercifully) extinct Taco Jack. But this is the weekend and you'd rather not sink the major portion of your small bank roll into that "bite to eat" before going out. Relax, there is hope.

On the nearby northern slope of Cambridge's Central Square is a place in which you can eat for "crumbs". The place is Ken's Pub which features half price dinner specials. The typical bargain list includes London Broil, fried chicken, baked bluefish, fried

scallops, or a Reuben sandwich.

When you enter, you find yourself in the middle of a bar. After standing around for a moment or two a waitress leads you to your booth or table. The music is the standard bar fare: pop and disco, which they hope won't spoil your appetite. But it is not too loud, and if you have brought along an interesting friend, you'll never notice the music.

After being seated, a waitress does appear, remarkably enough, almost immediately. She takes your order with a smile, and quite often will indulge in pleasant conversation. Your food is "cooked to order", which means that they'd like you to enjoy a drink while you are waiting. When the food arrives, you will be surprised to find that it actually does taste

good. Steak orders are cooked to your specifications. The chicken is not overdone, and the Reuben sandwich fulfills your curiosity about "anything you always wanted to know about corned beef."\*

\* But were afraid to ask.

Appraising on a scale of 1-5,

Ken's Pub scores:

**Food: 4**

Considering that you are not going to a fancy restaurant, the food is quite good. The portions are large enough to be satisfying even when you are hungry.

**Price: 5**

The meals which include potato and some sort of vegetable can be had for about \$3.00, and your meal can be rounded out nicely with a mug of beer.

**Service: 3.5**

Pleasant enough — but still a pub.

**Atmosphere: 3**

Nothing special — a bare tiled floor, wooden furniture. Still a pub.

**Overall: 3.8**

The menu, though a bit limited, still provides a pleasant alternative to cooking of the "Colonel".

— Jonathan M. Cohen



Holly (Carol Stahr) and her date Pete Moss (Rocky Ebener) run into "Harriet Krishna" at Tupelo Point on Lake Waban in the Wellesley Junior Show.

## Wellesley juniors can relate

By Leigh J. Passman

The annual Wellesley Junior Show, playing to packed houses at Alumnae Hall Friday and Saturday, presented *Funny Ghoul* or *The Green Event*, one of the slickest, rowdiest productions in recent memory.

The show opens at Convocation in the Wellesley Chapel as President Olivia de Havenoland (lampooning Barbara Newell) bids the student body farewell as she begins a leave of absence. Dr.

Limon Von Wintergreen, Professor of Gothic literature, is to teach at Wellesley for a year while Olivia resides in his vacant castle in Greenland.

Olivia arrives at Von Wintergreen's spooky castle where she is welcomed by the maid and butler, Chloro (Ann Laros) and Phyll (Keith Robine) and their somewhat effeminate son Lawrence (Richard Blumenthal). In spite of their

(Please turn to page 8)



Members of the Dance Collective perform for Soundstair on the steps of 60 State Street Saturday afternoon. Dancers created the music by breaking electric eye beams with their motions. The beams will trigger a sound from a synthesizer being programmed by Soundstair inventor Christopher Janney. (Photo by Claudia Perry)

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October 18-19

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## arts

# Wellesley juniors make it count

(Continued from page 7)

languid green appearance, the trio assures Olivia "We're a Regular Kind of Folk." Already missing Wellesley, Olivia decides to return. Phyll tries to keep her in Greenland by drugging her tea. She too turns green, but assures him that it "takes more than one drink to change a Wellesley woman's mind!"

Olivia returns to Wellesley incognito as a transfer student and finds (as did many other students this year) that Wellesley is overcrowded. She visits Esmarelda Roomwell (Sandy Mallenbaum) for a rooming assignment. Mallenbaum was superb, climbing over furniture, culling through files, finally giving Olivia a "room" in Galen Stone Tower. When Olivia leaves, Esmarelda describes her rather unorthodox process for assigning rooms which makes her "incredible MIT Com-pu-ter" so unnecessary in "Roomwell's Rhapsody in B Flat."

Up in her room in the Galen Stone Tower, Olivia soaks up the green glory of a Wellesley night. The sets and special effects for fog were quite good. Two gargoyle, in fantastic costume (Melissa S. Green and Sherry Edwards) sing with and mimic Olivia as she seductively explains that she just can't stay away with "Wellesley in My Blood."

The story moves outdoors, where we meet three freshwomen boozing it up. Holly Wood (Carol Stahr), Fern A. Ture (Clare Union) and Ivy League (Carol Whitney) stumble upon the green door to Olivia's room and receive a startling surprise as the first act closes.

The second act opens in a dorm living room where the girls are trying to study. Holly, Fern, and Ivy keep trying to remember what they saw "Behind the Green Door." Complementing the song is an excellent dance routine for the chorus, nicely choreographed by Vicki Corwin and Shawn Phillips.

The next scene in Von Wintergreen's *Gothic Lit* class was a show-stopper certain to go down in Junior Show history. Von Wintergreen dismisses his class and with three back-up singers kicks off what the playbill innocuously labeled "Professor's Ditty", a rowdy upbeat gospel.

As Von Wintergreen (Peter Anderson) sang out, hundreds of members of the class of 1981 all clad in green T-shirts printed with "I can relate" poured into the aisled chanting "I can relate, yea! I can relate" for ten minutes of foot stomping, hand clappin' gospel music. The orchestra with an alto sax solo on stage by Bill Schley, Anderson's powerful singing, and the dancing had the class in an euphoric hysteria.

Past Junior shows have been

criticized for not involving enough class members; this scene, however, was an important and hopefully trend-setting effort to involve the entire class — they loved it and so did the audience.

In the ensuing scenes, Olivia clandestinely saves poor Wellesley students from wimpy dates, oppressive labs and the like.

Junior Shows usually have quick-fix happy endings; this show was no exception. Exploring Galen Stone Tower, Fern

rediscovered the Green Door where Olivia greets her. Olivia is revealed as the force behind the good fortune that has graced Holly and Ivy and many other women on campus. The entire cast joins Olivia as she explains that such things should come as no surprise with "Wellesley in My Blood."

The show's script was unusually clean, and particularly devoid of MIT and Harvard satire. The show ran very much on its plot and music. Cheap puns were few,

with double-entendres providing most of the humor. The music and lyrics were quite good.

Nothing is more important about the show than the participation of the entire Junior class. This show's motto was "I can relate." For Wellesley students, Junior Show is a once in a lifetime experience. This was one show of which the audience and each member of the Class of 1981 could say, "I can relate!"



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Photo by John Ogawa Borland



Photo by John Ogawa Borland



Photo by Kevin Osborn

## Class Day Weekend

This past weekend brought Class Day and a host of other assorted activities to MIT, beginning Thursday night with the annual Institute-wide ritual of "showering" freshmen. Friday brought a special calculus lecture by Professor Emeritus George Thomas, while the Lox steel drum band played in the drizzle on Kresge Oval. A Casino party for Muscular Dystrophy followed on Friday night. Saturday brought a threat of rain, which pushed the picnic with the Alumni officers into Walker, but the Class Day Competition and "new games" continued successfully, albeit damply.

Above, left — A line of screaming "new games" players, Saturday afternoon. Above, right — Pillow feathers, puddles, and water balloons mark the scene of Thursday's freshman showering battle. Center, left — Another "new game". Center, right — A freshman is wrestled into the shower. Below, left — Despite the rain, a fair number of people showed for Saturday's outdoor activities. Below, right — Alumni and undergraduates mix at the Alumni Officers picnic, held in Walker Saturday afternoon.



Photo by John Ogawa Borland



Photo by John Ogawa Borland



Photo by John Ogawa Borland

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**OCTOBER 11**

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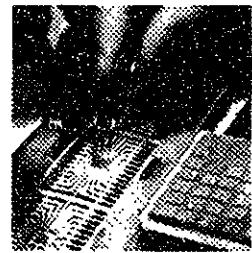
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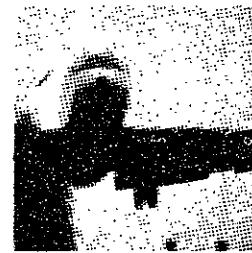
on a single chip of silicon, the more the average AEG cost goes down.

In short, you make things cheaper by making them more complicated.

Your work made it possible for a TI consumer product that sold three years ago for about \$70 to sell today for \$14.95.

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It's on the ground that traffic controllers at Los Angeles International Airport have a problem. They can "see" incoming and outgoing airplanes on their radar just fine, so long as the airplanes are in the air.

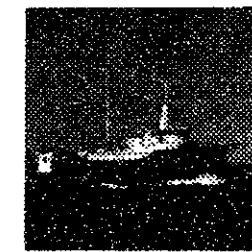
But when the airplanes are on the ground—touching down, taking off, taxiing, parking—they are sometimes impossible to see and control. Ground smog obscures them.

You believe you have an answer to the smog problem. You dig out the plans for an airborne ground-mapping radar you helped design. You adapt the design so the L. A. controllers can use it to see through smog. It works beautifully.

Today your smog-piercing radar is widely known as Airport Surface

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You're glad you're in technology.



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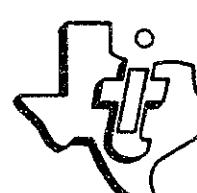


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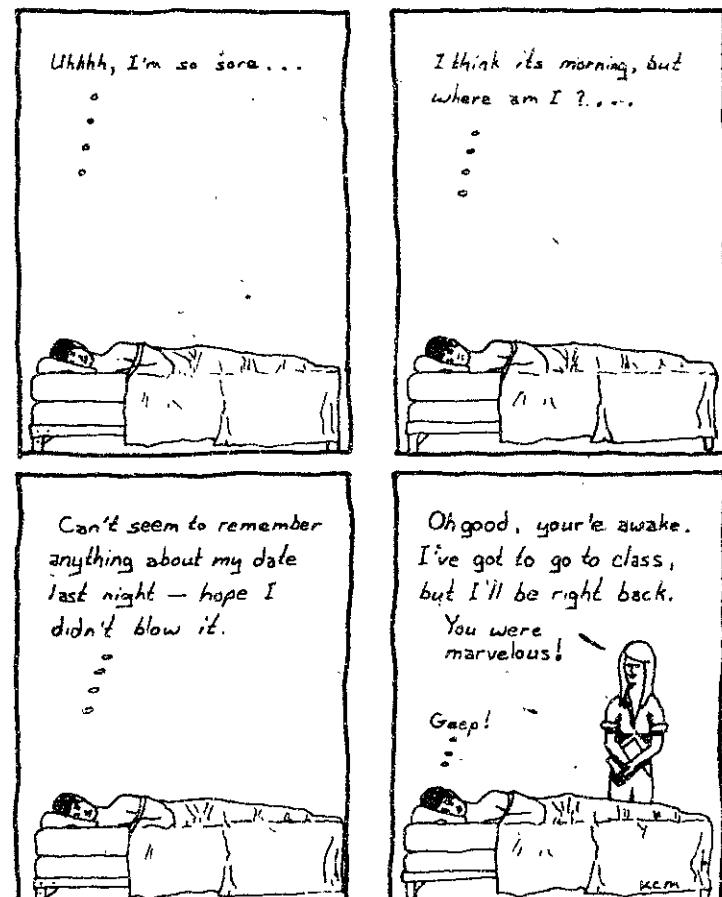
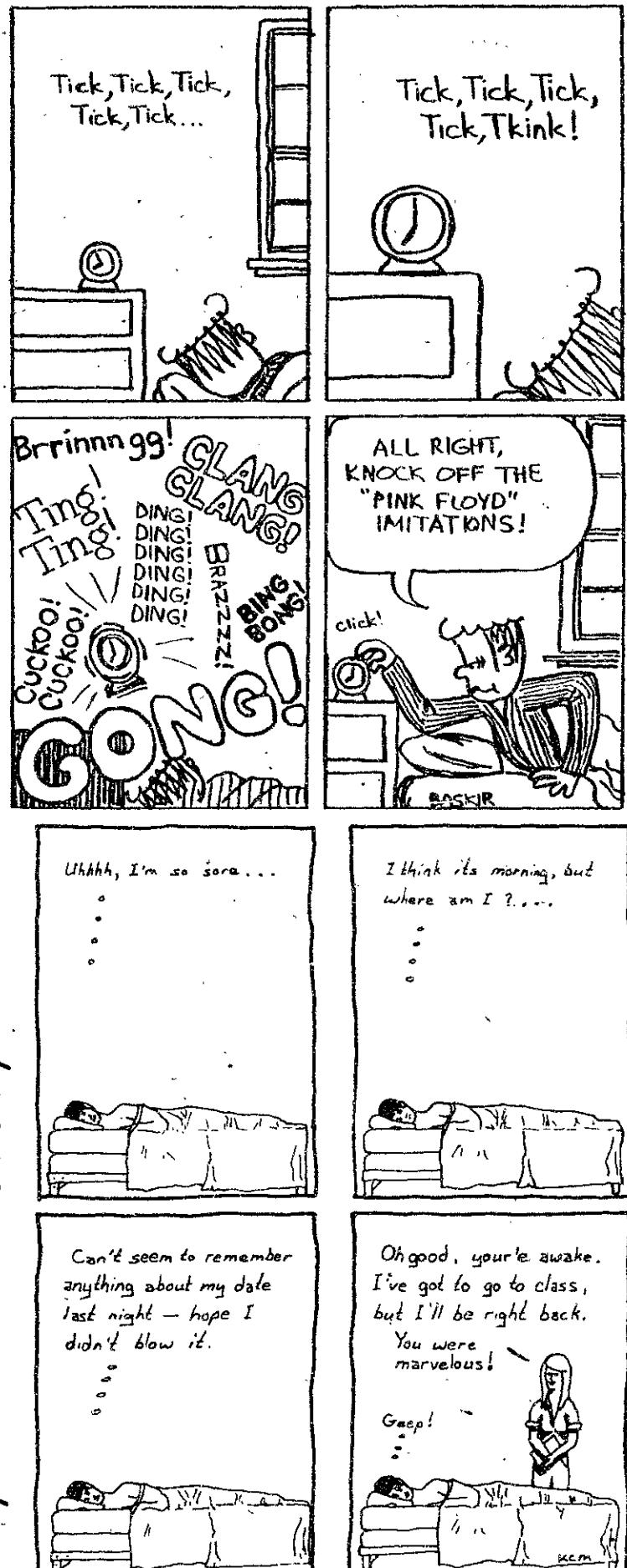
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## UA NEWS

The UA News will appear Tuesdays in *The Tech*. It will act as a voice of the Undergraduate Association to the student body. Students are encouraged strongly to respond to the listed announcements.

### Float Competition

The Class of '81 is sponsoring the float competition for Homecoming 1979. Everyone is welcome to participate. Floats may be built on flatbeds or trailers, or the float may be a decorated car.

1st Prize — keg of beer to winners  
2nd Prize — 1/4 keg of beer

All groups wishing to sponsor a float to be judged in competition are asked to submit their entry (name of group and a representative, plus the title of the float) before noon, October 10. Submit entries to the UA Office (x2696). Questions? See any of the Junior Class Officers (list of officers in last week's UA news).

Members of the Class of '82 interested in working on a class float for Homecoming 1979 should contact Anita Sircar at x5-8668. All ideas will be most welcome!

### New York Internships

Are you an MIT student from the Metropolitan New York area? Are you interested in a non-paying internship in business or industry during January? If so, call Steve Forman at 253-2696, weekdays between 10am and 3pm, or leave a message with the secretary in the UA Office.

### Class of '83

There will be a meeting with the UAVP from 4:30pm to 6pm on Thursday, October 4, for all freshpersons interested in working on projects of benefit to the class and to undergraduates as a whole. We will work mainly on topics discussed at the Freshman Organizing Dinner. If you cannot attend, but are still interested, please call the UA Office (x2696).

### IAP Exchange Committee

One of the more interesting things to during IAP is to take time off from MIT and visit another campus. However, this has historically been a logistical problem. We need students to form an information clearinghouse and to make our involvement with other schools possible. This should be a very interesting project! Contact Dan Shapiro, IAP Exchange Committee Chairman at the UA Office (x2696) immediately.

### Lobby Seven Bulletin Board

The Lobby 7 bulletin board is used to announce, in a less restrained sense than the UA NEWS, UA programs, special activities, MIT community events, social events, and events off-campus. To make full use of this resource, we need students to help us. Contact Steve Forman, UA Secretary-General, at the UA Office.

### Class of 1980 Meeting

We will discuss:

— Senior Week — Senior Pub — Class T-shirt

Tomorrow, October 3, in the UA office at 8:00pm.

### Graduating Seniors

American Express has a very easy plan for seniors and graduate students who have definite job plans. The UA office has applications for American Express Cards for students who qualify.

### The General Assembly

Students and house officers are reminded to hold elections for GA Representatives. The first meeting for this term is coming up in a few weeks. If you want to be represented, please do not delay these elections! House Presidents should submit the names of elected representatives to the Secretary-General, Steve Forman, in the UA office.

### Stop by

The UA has many projects in the works. Please call or stop by if you have any ideas or would like to help. If you have any comments or suggestions, please contact Jonathan Hakala (UAP) or Chuck Markham (UAVP) or leave a message with the UA secretary. The UA office is located on the 4th floor of the Student Center, room W20-401. Telephone x3-2696.

# sports



Players from MIT and Trinity fight for the ball in Saturday's soccer game. Trinity won 2-1, dropping MIT's record to 1-3 on the season. (Photo by John Ogawa Borland.)

## Loss to Trinity puts soccer record at 1-3

By Eric R. Fleming

The MIT soccer team, off to a slow start, dropped its third straight game Saturday, a heartbreaking 2-1 loss to Trinity College, with the deciding goal scored on a penalty kick with just one minute remaining in regulation play.

After an opening 2-1 victory

## M. net team drops a pair

By Arlene Santos

The MIT Men's varsity tennis team dropped both matches it has played during this young season, the first one against Clark on Tuesday, Sept. 18th, 9-0, and the second against Brandeis last Wednesday, 6-3.

The team's disappointing performance at Clark has one encouraging match. Top-seeded Alex Hanza played a well-fought match, losing the second and third sets 4-6, 2-6, after winning the first, 6-2.

The squad improved significantly in its second match at Brandeis on the 26th of September with three singles players notching victories. Alex Hanza '83 won 6-3, 6-2, with victories added by third-seeded Ted Equi '81 and fourth-seeded Vartan Piroumian, '83 0-6, 6-1, 6-4 and 6-1, 6-1, respectively. The number one doubles team of Hanza and Piroumian and the number three duo of Equi and Elliot Kolin '82 were both locked in close, well-played matches, but ended up losing in three sets.

In between the two matches, three members of the team participated in the mixed doubles tournament held at Harvard on Sunday, September 23rd. Unfortunately, all three MIT teams lost

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## Weiss: Haug could go undefeated in '79

By Steve Kim

To rebound from a disastrous 2-12 season in 1978 is hard enough in itself, but to have to attempt it with a team made up of one junior and the rest frosh and sophomores is an unenviable task to say the least. Yet, this situation faces the MIT women's varsity tennis squad in the 1979 season.

Not only is the team relatively young, but the only returnee with a winning record from last year is Karen Haug, a sophomore who was 11-3 in 1978. Other returnees include Alison Kutchins '82, Maria Louise Murville '82, Jenny Bistline '81, and Emily McMahon '82. Newcomer Susan Strausman '83 was set to play number two singles this year and did so in matches against Brandeis and Babson before being lost for the rest of the season due to an ankle injury. Kutchins was moved up to fill her spot, and Murville,

Bistline, McMahon, and freshman Sarah Gavit played numbers three, four, five, and six singles, respectively.

The opening match put the squad up against Brandeis. The match displayed consistent doubles play on Tech's part, but Brandeis turned it into a rout in the singles. Haug was the only singles player to win a match as the team went down to defeat, 5-4. Next on the schedule was Babson College. The Engineers quickly took the upper hand by winning four of the six singles. They added two more doubles matches to this total and put their first notch in the win column. It was at this point that the team lost its number two singles player, Strausman, to injury. The lineup had to be shaken up a good deal to accommodate the inopportune loss. It was definitely a factor in the next match as MIT was crushed by Bowdoin 8-1, Haug being the only winner. The new lineup became a bit more steady in the next match against Bates, winning three singles matches and a doubles match. Yet, it was not enough as Bates squeaked out a 5-4 victory.

Although the Engineers are 1-3 so far in this season, coach Manny Weiss does not feel that this will be indicative of the final record this year. "Our team should be .500 this season, and Karen [Haug] could possibly go undefeated," he said. 1979 is without doubt a rebuilding year for women's varsity tennis. The next two years should see the Engineers break the .500 barrier since they will be losing only one player to graduation in that period of time.

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